2020 5th International Conference on Green Technology and **Sustainable Development** (GTSD 2020)

Ho Chi Minh City, Vietnam 27 – 28 November 2020



IEEE Catalog Number: CFP20K53-POD **ISBN:**

978-1-7281-9983-2

Copyright © 2020 by the Institute of Electrical and Electronics Engineers, Inc. All Rights Reserved

Copyright and Reprint Permissions: Abstracting is permitted with credit to the source. Libraries are permitted to photocopy beyond the limit of U.S. copyright law for private use of patrons those articles in this volume that carry a code at the bottom of the first page, provided the per-copy fee indicated in the code is paid through Copyright Clearance Center, 222 Rosewood Drive, Danvers, MA 01923.

For other copying, reprint or republication permission, write to IEEE Copyrights Manager, IEEE Service Center, 445 Hoes Lane, Piscataway, NJ 08854. All rights reserved.

*** This is a print representation of what appears in the IEEE Digital Library. Some format issues inherent in the e-media version may also appear in this print version.

IEEE Catalog Number:	CFP20K53-POD
ISBN (Print-On-Demand):	978-1-7281-9983-2
ISBN (Online):	978-1-7281-9982-5

Additional Copies of This Publication Are Available From:

Curran Associates, Inc 57 Morehouse Lane Red Hook, NY 12571 USA Phone: (845) 758-0400 Fax: (845) 758-2633 E-mail: curran@proceedings.com Web: www.proceedings.com



TABLE OF CONTENT

Organizing Committee information	х
Authors index	xi
Numerical Study on Vibration Control of Structures Using Multi Tuned Liquid Dampers with High Mass Ratio Bui Pham Duc Tuong, Phan Duc Huynh	1
Modelling the Distribution of TiC Reinforced Co-Based on Skd61 Steel Surface Prepared by Laser Cladding Ngoc Thien Tran, Hong Nga Thi Pham	5
Real-time Measurement and Prediction of Ball Trajectory for Ping-pong Robot Vo Duy Cong, Le Duc Hanh, Le Hoai Phuong	9
Effect of the Welding Parameters On Mechanical Properties of AA5083 friction stir welding <i>Phan Thanh Nhan</i>	15
An improvement of Disk Aware Discord Discovery Algorithm for Discovering Time Series Discord Nguyen Thanh Son	19
An Adaptive Fuzzy for PMSM to Overcome the Changing Load Nguyen Vu Quynh	24
Crack Patterns in Direct Tension and Flexure of Ultra-High-Performance Fiber-Reinforced Concrete With Scale Effect	30
Duy-Liem Nguyen, Vu-Tu Tran, Huynh-Tan-Tai Nguyen, Min-Kyoung Kim	
Indirect Tensile Strengths of Crushed-Sand Concretes in Correlation with Its Compressive Strength Duy-Liem Nguyen, Vu-Tu Tran, Thi-Ngoc-Han Vuong, Tien-Tho Do	36
A method to analyzing and clustering aggregate customer load profiles based on PCA Alessandro Bosisio, Alberto Berizzi, Andrea Vicario, Andrea Morotti, Bartolomeo Greco, Gaetano Iannarelli, Dinh-Duong Le	41
The Bearing Capacity of Compacted Clay Reinforced by Geotextile and Sand Cushion Minh-Duc Nguyen	48
An Improvement of Maximum Power Point Tracking Algorithm Based on Particle Swarm Optimization Method for Photovoltaic System <i>Xuan Truong Luong, Van Hien Bui, Duc Tri Do, Thanh Hai Quach, Viet Anh Truong</i>	53
Static Analysis of Sandwich Plates using ES-MITC3 Elements based on the Third-order Shear Deformation Layerwise Theory Thanh Chau-Dinh, Loi Dang-Huu, Jin-Gyun Kim	59
P2C2-Popular Content Prediction and Collaboration in mobile edge caching Dung Ong Mau, Anh Phan Tuan, Tuyen Dinh Quang, Quyen Le Ly Quyen, Nga Vu Thi Hong	66
Ritz solution for static analysis of thin-walled laminated composite I-beams based on first-order beam theory <i>Ngoc-Duong Nguyen, Trung-Kien Nguyen</i>	73

A Redundant Unit Form of Quasi-Z-source T-Type Inverter with Fault-Tolerant Capability Duc-Tri Do, Vinh-Thanh Tran, Hieu-Giang Le, Thanh-Hai Quach, Viet-Anh Truong, Minh-Khai Nguyen, Thi- Ngoc-Han Vuong	78
A High-Efficient Power Converter for Thermoelectric Energy Harvesting Van-Khoa Pham	82
Collaborative Robotics in Construction: A Test Case on Screwing Gypsum Boards on Ceiling Milan Gautam, Hannu Fagerlund, Blerand Greicevci, Francois Christophe, Jarmo Havula	88
Impact of Financial Inclusion on Economic Growth: GMM Approach Khac Hieu Nguyen, Thi Anh Van Nguyen	94
Ultimate Bond Strength of Steel Bar Embedded in Sea Sand Concrete under Different Curing Environments Quoc Khanh Tran, Tri Thuong Ngo, Duy Liem Nguyen, Ngoc Thanh Tran	98
Performance Analysis and Evaluation of Underlay Two-Way Cooperative Networks with NOMA Nguyen Duc Anh, Pham Ngoc Son	103
Reusing Fabric Scraps in Garment Industry - A Green Manufacturing Process Thi Bich Dung Phung, Tuan-Anh Nguyen	109
Analyzing Total Quality Management of Service Enterprises in Vietnam Nguyen Thi Anh Van, Nguyen Khac Hieu	114
Synthesis of Zinc Oxide Nanoparticles and Their Antibacterial Activity Thi Duy Hanh Le, Khanh Son Trinh	119
A Study on Design and Fabrication of Concrete Pipe Cutting Machine Cong Binh Phan	124
Optimal Day-ahead Energy Scheduling of Battery in Distribution Systems Considering Uncertainty Ying-Yi Hong, Man-Yin Wu, Sheng-Huei Lee	128
Improving the Adaptivities of Over-The-Top Television System Ha Tran Thu, Son Tran Minh, Thai Nguyen Van, Minh Le Hoang	133
Multi-class Support Vector Machine Algorithm for Heart Disease Classification Thanh-Nghia Nguyen, Thanh-Hai Nguyen, Duc-Dung Vo, Truong-Duy Nguyen	137
Computational Intelligence Towards Trusted Cloudlet Based Fog Computing Thinh Vinh Le, Tran Thien Huan	141
Traditional Method Meets Deep Learning in an Adaptive Lane and Obstacle Detection System Van-Tin Luu, Viet-Cuong Huynh, Vu-Hoang Tran, Trung-Hieu Nguyen, Thi-Ngoc-Hieu Phu	148
A Lightweight Model For Real-time Traffic Sign Recognition Trung-Hieu Nguyen, Vu-Hoang Tran, Van-Dung Do, Van-Thuyen Ngo, Thanh-Thanh Ngo-Quang	153
Design of Delta Robot Arm based on Topology Optimization and Generative Design Method Thanh Hai Tuan Tran, Dinh Son Nguyen, Nhu Thanh Vo, Hoai Nam Le	157
Effects of Soaking Process on CBR Behavior of Geotextile Reinforced Clay with Sand Cushion <i>Tu Nguyen Thanh, Duc Nguyen Minh</i>	162

A Strategy to Enhance Generator Efficiency of Sudoku-based PV Arrays Under Partial Shading Conditions Le Viet Thinh, Nguyen Duc Tuyen, Vu Xuan Son Huu	168
The Influence of Water Content and Compaction on the Unconfined Compression Strength of Cement Treated Clay	175
Minh-Duc Nguyen, Anh-Thang Le, Thien-An Nguyen, Nguyen-Thao Thach, Thanh-Kiet Phan	
Traffic Flow Estimation Using Deep Learning Tran Nhat Huy, Bui Ha Duc	180
A Finite-Time Robust Control for a Manipulator with Output Constraints and Unknown Control Directions Duc Thien Tran, Manh Son Tran, Nguyen Van Hiep	185
Determine the percentage of Recovering FCC Spent Catalysts as mineral filler in the asphaltic concrete mixture <i>Anh Thang Le, Nguyen Manh Tuan</i>	192
The Effect Of Capital Structure On Profitability: An Empirical Analysis of Vietnamese Listed Banks Tran Thuy Ai Phuong, Nguyen Thi Anh Van, Nguyen Thi Hoang Anh	198
Carboxymethyl Cellulose /Aloe Vera Gel Edible Films For Food Preservation Hung Ngoc Nguyen, Khoe Dang Dinh, Linh T. K. Vu	203
The Load-Bearing of Concrete Beams as the Steel Reinforcements Connected by the Coupler at a Cross-Section of a Beam	209
Thanh-Hung Nguyen, Phuong-Doanh Huynh, Anh-Thang Le	
Optimum of Biodegradable Plate Production from Banana Trunk Waste by Taguchi Methods Nhung Thi-Tuyet Hoang, Anh Thi-Kim Tran, Phan Thi Thu Thuy	214
Wheelchair Navigation System using EEG Signal and 2D Map for Disabled and Elderly People Ba-Viet Ngo, Thanh-Hai Nguyen, Van-Thuyen Ngo, Dang-Khoa Tran, Truong-Duy Nguyen	219
Experimental study of the Strain Localization in a Rock Analogue Material at Brittle-Ductile Transition <i>Thi-Phuong-Huyen Tran, Sy-Hung Nguyen, Stéphane Bouissou</i>	224
Effects of the Relative Humidity on the Performance of Thermoelectric Freshwater Generator using Solar Power Source	232
Le Minh Nhut, Dang Thi Truc Linh	
Effect of Alkaline Solution and Curing Conditions on the Strength of Alkali – Activated Slag Mortar Tai Tran Thanh, Tu Nguyen Thanh, Hyug-Moon Kwon	236
Design and Control of a 4-bar-transmission 2-DOF Robot Pham Tan Phat, Bui Manh Huy, Tran Hoai Nam, Huynh Vinh Nghi, Dang Xuan Ba	241
The Morphological Characteristics and Physical Properties of Porous Corn Starch Hydrolyzed by Mixture of α -Amylase and Glucoamylase	247
Dang My Duyen Nguyen, Thanh Tung Pham	
PyPSA-VN: An open model of the Vietnamese Electricity System Markus Schlott, Bruno Schyska, Dinh Thanh Viet, Vo Van Phuong, Duong Minh Quan, Ma Phuoc Khanh, Fabian Hofmann, Lueder von Bremen, Detlev Heinemann, Alexander Kies	253
Customer satisfaction with service quality: An empirical study of An Giang Power Company <i>Hong-Xuyen Ho Thi, Lan Anh Nguyen Thi</i>	259

Engineering Properties of Cement Mortar Produced with Mine Tailing as Fine Aggregate Duy-Hai Vo, Khanh-Dung Tran Thi, Mitiku Damtie Yehualaw, Chao-Lung Hwang, Thi-My Ngo, Hoang-Anh Nguyen	264
Effect of Water-To-Solid Ratio on the Strength Development and Cracking Performance of Alkali-Activated Fine Slag under Water Curing Condition Duy-Hai Vo, Khanh-Dung Tran Thi, Mitiku Damtie Yehualaw, Chao-Lung Hwang, Hoang-Anh Nguyen, Vu-An Tran	268
Determining Optimal Location and Sizing of STATCOM Based on PSO Algorithm and Designing Its Online ANFIS Controller for Power System Voltage Stability Enhancement Huu Vinh Nguyen, Hung Nguyen, Kim Hung Le, Minh Tien Cao, Tan Hung Nguyen, Tien Hoang Nguyen, Minh Vuong Le	272
An MCS–based Model to Qualify the Relationship between Worker's Experience and Construction Productivity Duy-Khanh Ha, Soo-Yong Kim, Van-Khoa Nguyen	280
Chances and Challenges of Vietnam's Garment Industry in the new Trend of Sustainable Development Tri Tran Quang, Tu Tran, Alang Tho, John Burgess	286
Extraction of Pectin from Passiflora edulis by Aqueous Two-Phase System Nga Thi Vo, Thi Hao Cao, Minh Hao Hoang	291
Unknown Input Based Observer Design for Wind Energy Conversion System with Time-Delay Van-Phong Vu, Wen-June Wang, Van-Thuyen Ngo, Dinh-Nhon Truong, Pei-Jun Lee, Ton Duc Do and Van-Ngoc Tong	296
Analysis of Flexible Pavements Comprised of Conventional and High Modulus Asphalt Concrete Subjected to Moving Loading using Linear Viscoelastic Theory	302
H.T. Tai Nguyen, Thanh-Nhan Phan, Tien-Tho Do, Duy-Liem Nguyen, Vu-Tu Tran	
Effects of Forta-fi Fiber on the Resistance to Fatigue of Conventional Asphalt Mixtures <i>Tien-Tho Do, Duy-Liem Nguyen, Vu-Tu Tran, H.T. Tai Nguyen</i>	312
Application of Element Combine39 to Reflect the Nature of Newly Puzzel Shaped Crestbond Rib Shear Connector in Composite Beam	317
Pham Duc Thien, Dao Duy Kien, Nguyen Van Khoa, Nguyen Thanh Hung	
A Mobile Deep Convolutional Neural Network Combined with Grad-CAM Visual Explanations for Real Time Tomato Quality Classification System <i>Loc-Phat Truong, Bach-Duong Pham, Quang-Huy Vu</i>	321
Design of Driver Circuit to Control Induction Motor Applied in Electric Motorcycles Dinh Cao Tri, Le Thanh Phuc	326
Fractional order Modeling and Control of a Quadruple-tank Process Lam Chuong Vo, Luan Vu Truong Nguyen, Moonyong Lee	334
Treatment of Wastewater Containing Reactive Dyes by electro-Fenton Method Nguyen Thai Anh, Tran Tien Khoi, Nguyen Nhat Huy, Hoang Thi Ngoc Mai, Nguyen Hong Ngoc Linh	340
Breast Image Segmentation for evaluation of Cancer Disease Thanh-Tam Nguyen, Thanh-Hai Nguyen, Ba-Viet Ngo, Duc-Dung Vo	344

Vision-based People Counting for Attendance Monitoring System Manh Cuong Le, My-Ha Le, Minh-Thien Duong	349
Electricity Demand Forecasting for Smart Grid Based on Deep Learning Approach Van-Binh Nguyen, Minh-Thien Duong, My-Ha Le	353
A Novel Technique for Increasing Concentration Ratio and Uniformity of Fresnel Lens Thanh-Tuan Pham, Thanh Phuong Nguyen Skin Lesion Segmentation based on Integrating EfficientNet and Residual block into U-Net Neural Network Duy Khang Nguyen, Thi-Thao Tran, Cong Phuong Nguyen, Van-Truong Pham	358 366
An Educational Transformative Sustainability Model Based On Modern Educational Technology Xuan Thanh Pham, Anh Tho Mai, Anh Tuan Ngo	372
A Novel Binning Algorithm Using Topic Modelling and k-mer Frequency on Groups of Non-Overlapping Short Reads Hoang D. Quach, Hoang T. Lam, Dang H. N. Nguyen, Phuong V. D. Van, Van Hoai Tran	380
Study on the Influence of Diaphragm Wall on the Behavior of Pile Raft Foundation Van Qui Lai, Quoc Thien Huynh, Nhat Hoang Vo, Chung Nguyen Van A Theoretical and Numerical Study of Ultrasonic Waves in Laminated Composites for Nondestructive Evaluation of Structures	387 392
Duy Kien Dao, Ductho Le, TruongGiang Nguyen, Hoai Nguyen, Duc Chinh Pham, Haidang Phan Guided Wave Propagation in a Layered Half-Space Structure of Anisotropic Materials Duy Kien Dao, Ductho Le, Quang Hung Le, Minh Tuan Nguyen, Haidang Phan, Duc Chinh Pham	398
City-Scale Electricity Demand Forecasting using a Gaussian Process Model <i>Phong T. T. Nguyen, Lance Manuel</i>	405
An Experimental on Heat Transfer Characteristics of the Cascade Heat Exchanger in Refrigeration System Using R32/CO2 Thanhtrung Dang, Vanloi Nguyen, Hoangtuan Nguyen	413
Research on using PSO Algorithm to Optimize Controlling of Regenerative Braking Force Distribution in Automobile	418
Tung Duong Tuan, Dung Do Van, Thinh Nguyen Truong Design Depth Controller for Hybrid Autonomous Underwater Vehicle using Backstepping Approach Nguyen-Nhut-Thanh Pham, Ngoc-Huy Tran, Thien-Phuong Ton, Thien-Phuc Tran	424
Implementation and Enhancement of Set-Based Guidance by Velocity Obstacle along with LiDAR for Unmanned Surface Vehicles	430
Ngoc-Huy Tran, Minh-Hung Vu, Tu-Cuong Nguyen, Minh-Tam Phan, Quang-Ha Pham	
Design Integrated Staff Welcoming and Administration System Based on Facial Recognition for Smart University	436
Dat Tan La, Huy Quang Tran, Nhat Tien Le, Quang Luong Nguyen, Thu Thi Anh Nguyen, Tuan Van Pham	
Saliency prediction for 360-degree video Chuong H. Vo, Jui-Chiu Chiang, Duy H. Le, Thu T.A. Nguyen, Tuan V. Pham	442
Heart Rate Estimation Based on Facial Image Sequence Dao Q. Le, Wen-Nung Lie, Quynh Nguyen Quang Nhu, Thu T.A. Nguyen	449

Dao Q. Le, Wen-Nung Lie, Quynh Nguyen Quang Nhu, Thu T.A. Nguyen

Stability Analysis of an Islanded Microgrid Using Supercapacitor-based Virtual Synchronous Generator Hong Viet Phuong Nguyen, Van Tan Nguyen, Binh Nam Nguyen, Thi Bich Thanh Truong, Huu Dan Dao, Quoc Cuong Le	454
3D Numerical Simulation Study of a Pre-Heater Used in Solid Oxide Fuel Cell Technology XuanVien Nguyen, TrangDoanh Nguyen, AnQuoc Hoang, MinhHung Doan, ThiNhung Tran	461
Deep Learning Based Semantic Segmentation for Nighttime Image Hien T.T Bui, Duy H. Le, Thu T.A Nguyen, Tuan V. Pham	466
Proposed Smart University Model As A Sustainable Living Lab For University Digital Transformation Tuan V. Pham, Anh Thu T. Nguyen, Thanh Dinh Ngo, Duy H. Le, Khai C.V. Le, Thuong H.N. Nguyen, Huy Q. Le	472
Characteristics of Recycled Reinforced Concrete at High Temperatures Nguyen Thanh Hung, Dao Duy Kien, Nguyen Van Khoa, Tran Minh Hieu, Doan Dinh Thien Vuong	480
The Influence of Raft Thickness on the Behaviour of Piled Raft Foundation <i>Tong Nguyen, Phuong Le, Viet Tran</i> Parallel Multi-Population Technique For Meta-Heuristic Algorithms On Multi Core Processor	483 489
Nguyen Tien Dat, Cao Van Kien, Ho Pham Huy Anh, Nguyen Ngoc Son	
Adaptive MIMO Fuzzy Controller for Double Coupled Tank System Optimizing by Jaya Algorithm <i>Cao Van Kien, Nguyen Ngoc Son, Ho Pham Huy Anh</i>	495
A New Approach for Analyzing and Predicting Carbon Dioxide Emissions: Case study of Vietnam Le Thi Giang, Khuu Manh Dat, Nguyen Xuan Hiep, Sam Nguyen-Xuan	500
Proposed Research on Saline-Water Distillation for Living by Utilizing Waste Heat from Industrial Steam Boilers Ngoc Han Pham, Van Tuyen Nguyen	505
Surface Roughness Optimization for Grinding Parameters of SKS3 Steel on Cylindrical Grinding Machine Thi-Minh Pham, Huy-Tuan Pham, Van-Khien Nguyen, Quang-Khoa Dang, Duong Thi Van Anh	511
Study on INTOC Waterproofing Technology for Basement of High-Rise Buildings Sy-Hung Nguyen, Thanh-Tich Do, Julien Ambre	516
Influence of Heating Temperature in Thermal Oxidation to Prepare Titanium Oxide /Aluminum-doped Zinc Oxide Films for Multi-functional-energy-saving Glass Shang-Chou Chang, Tsung-Han Li, Huang-Tian Chan	523
Comparative Studies of Different Methods for Short-term Locational Marginal Price Forecasting Ying-Yi Hong and Rolando Pula	527
Navigation Technology Using Inertial Elements to Compensate for GPS Signal-Shaded in Real Time Guo-Shing Huang, Po-Chun Hsu, Ming-Cheng Kao	533
An Automatic Approach for Estimation of CPR Signal using Thoracic Impedance Van-Truong Pham, Thi-Thao Tran	538
A Study on Patterns of Neural Activity Generation from A Bio-realistic Cerebellum Neural Network Vo Nhu Thanh, Pham Anh Duc, Le Hoai Nam, Dang Phuoc Vinh, Tran Ngoc Hai	544

Integration of MicroSCADA SYS600 9.4 into Distribution Automation System The Khanh Truong, Kim Hung Le, Minh Quan Duong, Tue Truong-Bach, Van Phuong Vo	549
A Study on Urban Traffic Congestion Using Simulation Approach Phan Thi Kim Phung, Nguyen Truong Thi, Vo Thi Kim Cuc	555
Optimizing Warehouse Storage Location Assignment Under Demand Uncertainty Nguyen Truong Thi, Phan Thi Kim Phung, Tran Thi Tham	562
Optimization Design of a Compliant Tension Spring Minh Phung Dang, Hieu Giang Le, Xuan Hoang Vo, Thanh-Phong Dao	569
Application of Fuzzy Control Algorithm to Start a Large -Capacity Synchronous Motor Quoc Hung Duong, Huu Cong Nguyen, The Cuong Nguyen, Hong Quang Nguyen	574
Mobile learning in non-English Speaking Countries: Designing a Smartphone Application of English Mathematical Terminology for Students of Mathematics Teachers Education	582
Bui Anh Tuan, Lam Minh Huy, Nguyen Hieu Thanh, Tieu Ngoc Tuoi, Huynh Tuyet Ngan	
Fire Resistance Evaluation of Reinforced Concrete Structures Dao Duy Kien, Do Van Trinh, Khong Trong Toan, Le Ba Danh	588
Digital Economy: Overview of Definition and Measurement Criteria Nguyen Thi Thanh Van, Nguyen Thien Duy	593
Receptionist and Security Robot Using Face Recognition with Standardized Data Collecting Method <i>Quang-Minh Ky, Dung-Nhan Huynh, My-Ha Le</i>	597
An efficient evolutionary algorithm for joint optimization of maintenance grouping and routing <i>Ho Si Hung Nguyen, Phuc Do, Hai-Canh Vu, Thanh Bac Le, Kim Anh Nguyen</i>	604
Using Dual-use Electronic Lectures in E-learning: An Empirical Study of Teaching and Learning Mathematics at Vietnamese High Schools	612
Bui Anh Tuan, Tran Thi Thu Thao, Nguyen Ngoc Phuong Anh, Le Thanh Dien	
Biometric Image Recognition For Secure Authentication Based on FPGA : A survey <i>Huu Q Tran, Van Thai Nguyen</i>	618
A novel two-variable model for bending analysis of laminated composite beams Xuan-Bach Bui, Trung-Kien Nguyen, Quoc-Cuong Le, T. Truong-Phong Nguyen	624
Water, Urban Morphology, Urbanization and Sustainable Development: Case study of the Nhieu Loc – Thi Nghe canal area in Ho Chi Minh city	629
Xuan Son Do	
An Investigation on Efficiency of Magnetic Assisted Generator Vu-Lan Nguyen, Huann-Ming Chou, Chang-Ren Chen, Bo-Jun Zheng, Kuo-Chen Yang	637
Microstructure and Hardness of Borided Layer on SKD61 Steel	641
Nga Thi-Hong Pham, Long Nhut-Phi Nguyen, The-San Tran	
An Experimental Study on The Performance of An Air Conditioning System using CO2 Refrigerant with The Actual Power Input of 440W <i>Thanhtrung Dang, Tronghieu Nguyen</i>	645

vii

Redundant Relay Protection Devices for Power Systems Reliability Model Andrey Trofimov, Alexandra Khalyasmaa	651
Forecasting the Solar Power Plants Generation in a Meteorological Data-Constrained Environment Andrey Tokarev, Alexandra Khalyasmaa	657
Vehicle Body Design and Analysis Aerodynamic by Flow Simulation Phu Thuong Luu Nguyen, Van Dung Do A Preliminary Study of a Two Stroke Free- Piston Engine for Electricity Generation	662 669
Nguyen Huynh Thi, Nguyen Van Trang, Huynh Thanh Cong, Huynh Van Loc, Dao Huu Huy, Ngo Duc Huy	
Numerical Study on Gas-Assisted Mold Temperature Control with the Application of Air Cover for Improving the Cavity Temperature in Injection Molding Process	673

Son Minh Pham, Minh The Uyen Tran and Thanh Trung Do